

Claim Amendments

Claims 1 - 31 (Canceled)

1 32. (Currently Amended) A verification device for the
2 visual verification of the angle-dependent scattering behavior of a
3 document, comprising:

4 a holding device which has a measuring window which can
5 be brought into a predetermined relative position to a security to
6 be verified and an observation window that can be viewed by opti-
7 cally and visually directly by an eye of an observer and is spaced
8 on the holding device from the measuring window;

9 a light feed carried by the holding device and training
10 substantially parallel light beams at a predetermined angle (α)
11 onto the measuring window; and

12 a light guide device carried by the holding device and
13 capturing a plurality of light beams outputted from a point of the
14 measuring window at different angles (β_1, β_2) to the same side of
15 said point and displaying them in parallel or convergingly in the
16 observation window.

1 33. (Previously Added) The verification device accord-
2 ing to claim 32 wherein the light feed and the light guide device
3 are arranged at the same side of the measuring window.

1 34. (Previously Added) The verification device accord-
2 ing to claim 32 wherein the light feed and the light guide device
3 are arranged at different sides of the measuring window.

1 35. (Previously Added) The verification device accord-
2 ing to claim 32 wherein the observation window is provided with a
3 viewing screen upon which the light beams impinge adjacent one
4 another.

1 37. (Currently Amended) The verification device defined
2 in claim ~~36~~ 32 wherein the light feed has a light source ~~is~~ con-
3 structed to direct white light beams upon the measuring window.

1 38. (Previously Added) The verification device accord-
2 ing to claim 37 wherein the light source is at least one light
3 emitting diode.

1 39. (Previously Added) The verification device accord-
2 ing to claim 32 wherein the light feed is constructed to collect
3 ambient light and directs the ambient light onto the measuring
4 window.

1 40. (Previously Added) The verification device accord-
2 ing to claim 39 wherein the light feed is a light guide channel.

1 41. (Previously Added) The verification device accord-
2 ing to claim 32 wherein the light guide device is a collecting lens
3 and the measuring window lies in a region of a focal plane of the
4 collecting lens.

1 42. (Previously Added) The verification device accord-
2 ing to claim 41 wherein the collecting lens is a cylindrical lens.

1 43. (Previously Added) The verification device accord-
2 ing to claim 42 wherein the collecting lens is configured as a
3 semicylinder, whereby the measuring window is located at a flat
4 side of the semicylinder.

1 44. (Previously Added) The verification device accord-
2 ing to claim 43 wherein the light guide is embedded in the
3 semicylinder.

1 46. (Previously Added) The security verification device
2 according to claim 32 wherein the light guide is formed from
3 individual light guides which are respectively oriented to the
4 light beams reflected at different angles (β_1 , β_2).

1 47. (Previously Added) The verification device
2 according to claim 46 wherein the light guides have ends open
3 adjacent one another in the observation window.

1 48. (Currently Amended) The apparatus according to
2 claim 47 wherein one of said devices has a surface for receiving a
3 reference paper and the other of said devices has an abutment for
4 positioning a document to be validated.

1 49. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 49
3 wherein the surface for receiving the reference paper includes a
4 drum on which one or more reference documents can be fastened.

1 50. (Currently Amended - renumbered because of original
2 omission of a claim 48) An apparatus for the optical testing of
3 flat objects comprising:

4 a housing,

5 an emplacement surface carried by the housing and having
6 at least one first region and a second region for supporting an
7 object and for a sliding shifting thereof between the first and
8 second regions,

9 a device according to claim 32 which is carried by the
10 housing and whose measuring window lies above the first region of
11 the emplacement surface or coincides therewith, and

12 an infrared camera carried by the housing and targeted on
13 the second region.

1 51. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 50
3 wherein the infrared camera is a black white CCD camera which is
4 provided with a blocking filter for the visible light range.

1 52. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 50
3 wherein a monitor is provided which is carried by the housing and
4 is connected to the output of the infrared camera.

1 53. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 50
3 wherein the housing has a second light source which is trained from
4 above onto the second region and has a significant proportion of
5 its radiation in an infrared region and is selectively capable of
6 being switched on.

1 54. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 53
3 wherein the second light source is a glow filament lamp.

1 55. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 50
3 wherein the second region of the emplacement surface is light
4 permeable and the housing carries a third light source which is
5 trained from below onto the second region and has a significant
6 proportion of radiation in an infrared range and can be selectively
7 switched on.

1 56. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 55
3 wherein the third light source also has a significant proportion of
4 its radiation in the visible light range.

1 57. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 56
3 wherein the third light source is a glow filament lamp.

1 58. (Currently Amended - renumbered because of original
2 omission of a claim 48) An apparatus according to claim 50 wherein
3 the emplacement surface has a third region for supporting the
4 object and for sliding shifting thereof between the first region,
5 the second region and the third region, whereby the housing having
6 a fourth light source trained from above onto the third region and
7 having a significant proportion of radiation in the ultraviolet
8 range.

1 59. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 50
3 wherein the housing has a cover hood which is arranged above the
4 emplacement surface and has at least one lateral opening for access
5 to the emplacement surface.

1 60. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 59
3 wherein the third region is spaced from the opening.

1 61. (Currently Amended - renumbered because of original
2 omission of a claim 48) The apparatus according to claim 50
3 wherein the emplacement surface is equipped in a fourth region with
4 an inductive sensor.

REMARKS

The present amendment is submitted under the provisions of 37 CFR 1.116 to place the case in immediate condition for allowance or in better form for appeal.